

ROMANOV, D.A., kand.tekhn.nauk, GAYZHUTIS, Ye. K., inzh.

All-purpose cantilever sluice crane with a capacity of 80
tons. Mekh. stroi. 17 no.6:14-17 Je '60. (MIRA 13:6)
(Cranes, derricks, etc.)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445220009-4

ROMANOV, D.A., kand. tekhn. nauk.

Reinforced concrete piles with camouflaged pivots. Avt. dor. 21
no.4:29-30 Ap '58. (MIRA 11:4)
(Piling (Civil engineering))

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445220009-4"

FOMANOV, D. A.

"Telescopes for Geodesic Instruments." Thesis for degree of Cand. Tech Sci. Sub 9 Jun 50, Moscow Inst of Engineers of Geodesy, Aerial Photography, and Cartography

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernaya Moskva, Jan-Dec 1950.

ROMANOV, D.A., dota.

In the higher schools of the Chinese People's Republic. Izv.vys.ucheb.
zav., geod. i aerof. no.6:143-148 '58. (MIRA 12:1)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i karto-
grafii.
(China--Technical education)

ROMANOV, D. A.

Cand Tech Sci

Dissertation: "Telescopes of Geodesic Instruments."

9/6/50

Moscow Inst of Engineers of Geodesy, Aerial Photography and Cartography.

SO Vecheryaya Moskva
Sum 71

Cand Tech Sci

ROMANOV, D. A.

Dissertation: "Telescopes of Geodesic Instruments."

9/6/50

Moscow Inst of Engineers of Geodesy,

Aerial Photography and Cartography

**SO Vecheryaya Moskva
Sum 71**

Name: ROMANOV, D. A.

Dissertation: Installation of deep driven pile foundations

Degree: Cand Tech Sci

Defended at
Affiliation: Academy of Architecture Ukrainian SSR, Inst of the Aspirantura

Publication
Defense Date, Place: 1956, Kiev

Source: Knizhnaya Letopis', No 45, 1956

✓

SOV/154-58-6-17/22

O(0)

AUTHOR:

Romanov, D. A., Docent

TITLE:

University System in the People's Republic of China (O vysshey shkole Kitayskoy Narodnoy Respublike)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1958, Nr 6, pp 143-148 (USSR)

ABSTRACT:

A short survey is given here on the development of higher education in China. At first, the insufficiencies in the time before China's liberation in 1950 are described. In May 1950, the special all-China conference on university education was held. In 1950-53, independent technical, agricultural, medical, pedagogical, and other special institutes were established. New school buildings, training workshops, laboratories, dwelling houses, and students' homes were built for these new and extended universities and institutes. As a rule, the universities are situated in the suburbs but can be mostly reached in 30 minutes from the city by public means of communication. - On account of the high demand for qualified specialists, the study had been reduced to 3-4 years until 1957. As from 1957/58 the

Card 1/2

University System in the People's Republic of China SOV/154-58-6-17/22

study will normally take 5 years. In 1954/55, diploma theses were introduced at universities. In spring 1958, the universities joined the movement against dissipation and conservatism. The special characteristic of this movement is the mass edition of wall journals called "Ta-tzu-pao". In the second term of 1957/58, preparations were made for the conversion of the whole university education according to Socialist principles, the combination of mental and physical work, and the consolidation of the combination of theory and practice. As from 1958, students and teachers of China's universities take part in the creative physical work of the people beside their scientific and educational work. At present, they are taking an active part in steel production.

ASSOCIATION: Moskovskiy institut inzhenerov geodezii, aerofotos"zemki i kartografii (Moscow Institute for Geodesy, Air Survey and Cartography Engineers)

SUBMITTED: November 24, 1958

Card 2/2

URMAKHER, Leonid Samuilovich; ROMANOV, D.A., kand. tekhn. nauk, dots.,
retsenzent; TSYGANOV, M.N., kand. tekhn. nauk, retsenzent;
APENKO, M.I., kand. tekhn. nauk, red.; SHAMAROVA, T.A., red. izd-
va; SUNGUROV, V.S., tekhn. red.

[Optics of photographic and aerial photogrammetric instruments]
Optika fotograficheskikh i aerofotogrammetricheskikh priborov.
[n.p.] Izd-vo geodez. lit-ry, 1962. 215 p. (MIRA 15:12)
(Photographic optics) (Aerial photogrammetry)

ROMANOV, D.A., inzhener.

Investigation of factors affecting the size and form of camouflet
pile holes. Biul.stroi.tekh. 13 no.4:11-15 Ap '56. (MLRA 9:8)
(Piling (Civil engineering))

ROMANOV, D.A., kand.tekhn.nauk; STROKOV, G.I., inzh.

Assembling reinforced concrete span structures of the dam roadway
of the Kremenchug Hydroelectric Power Station. Gidr. stroi. 30
no.10:3-7 o '60. (MIREA 13:10)

(Kremenchug Hydroelectric Power Station)
(Precast concrete construction)

ROMANOV, D.A., d^otsent, kand.tekn.nauk

"Geodetic instruments and apparatus" by S.V.Eliseev. Reviewed
by D.A. Romanov. Izv. vys. ucheb. zav.; geod. i aerof. (MIRA 14:6)
no.1:147-150 '61.

1. Moskovskiy instisut inzhenerov geodezii, aerofotosyemki i
kartografii.

(Surveying--Instruments)
(Eliseev, S.V.)

ROMANOV, Dmitriy Andreyevich, kand.tekhn. nauk; FINKINSHTEYN,
B.A., inzh., red.

[Fondations of industrial structures resting in loess
on column piles with pedestals formed by blasting;
experience of the Zaporozh'ye Economic Council and the
Scientific Research Institute of the Organization and
Mechanization of Construction Work of the Academy of
Construction and Architecture of the U.S.S.R.] Funda-
menty promyshlennykh sooruzhenii na zhelezobetonnykh
svaiakh-stoikakh s kamufletnoi piatoi v usloviakh les-
sovykh gruntov; opyt Zaporozhskogo sovnarkhoza i
NIIOMSP ASIA USSR. Moskva, Gosstroizdat, 1962. 30 p.
(MIRA 17:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-
issledovatel'skiy institut organizatsii, mekhanizatsii i
tekhnicheskoy pomoshchi stroitel'stva. 2. Rukovoditel'
sektora stroitel'stva fundamentov i podzemnykh sooruzhe-
niy Nauchno-issledovatel'skogo instituta organizatsii i
mekhanizatsii stroitel'nogo proizvodstva Akademii
stroitel'stva i arkhitektury Ukr.SSR (for Romanov).

ROMANOV, Dmitriy Andreyevich, kand.tekhn.nauk; DANILKINA, N.V., red.;
MARTSENYUK, Ya.P., red.; ZELENKOVA, Ye., tekhn.red.

[Deep pile foundations] Svoynye fundamenti glubokogo zalo-
zheniya. Kiev, Gos.izd-vo lit-ry po stroit. i arkhit. USSR,
1959. 234 p. (MIRA 12:10)
(Piling (Civil engineering))

ROMANOV, D. D., P. A. MOISEYEV, and K. A. GOLOVINSKAYA

"The Progressing Radioactive Contamination of Waters, Fishes, Animals, and Plants in the Ocean Caused by Atomic Bomb Tests."

report presented at the All-Union Conference on Biological Foundations of Ocean Fishing, 11-16 April 1958, by Ichthyological Committee of AS USSR, VNIRO, and Inst. Oceanography, AS USSR.
(Vest. AN SSSR, 1958, No. 7, pp. 131-133)

STUPISHIN, A.V., prof.; BABANOV, Yu.V., ml. nauchn. sotr.;
GUSEVA, A.A., ml. nauchn. sotr.; DUGLAV, V.A., dots.;
ZAKHAROV, A.S., dots.; KOSTINA, N.M., assistant; LAVROV,
D.D., dots.; LAPTEVA, N.N., assistant; ROMANOV, D.F., ml.
nauchn. sotr.; SIROTKINA, M.M., aspirant; SMIRNOVA, T.A.,
ml. nauchn. sotr.; TORSUYEV, N.P., st. prepod.; TAYSIN,
A.S., st. prepod.; TROFIMOV, A.M., assistant; KHARITONYCHEV,
A.T., prepod.; STUPISHIN, A.V., red.; KHABIBULLOV, R.K.,
red.

[Establishing physicogeographical regions in the middle
Volga Valley] Fiziko-geograficheskoe raionirovanie Sred-
nego Povolz'ia. Kazan', Izd-vo Kazanskogo univ., 1964. 196 p.
(MIRA 18:12)

ROMANOV, D.I.

Electronic thermostatic energy relay. Priborostroenie no.12:
22-23 D '61. (MIRA 14:12)
(Thermostat)

ROMANOV, D.I.

Semi-automatic two-position machine for manufacturing
crankshafts for combines. Trakt. i sel'khozmash. 33 no.3:
43-45 Mr '63. (MIRA 16:11)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo
i sel'skokhozyaystvennogo mashinostroyeniya.

ROMANOV, D. I., inzh.

Two-position electric contact heating apparatus for heating
rod ends. Trakt. i sel'khozmash. 33 no.11:42-43 N '63.
(MIRA 17:9)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i
sel'skokhozyaystvennogo mashinostroyeniya.

ROMANOV, D.I., inzhener.

Machine for heating and bending crankshafts for agricultural machines.
Sel'khozmashina no.5:23-26 My '54. (MIRA 7:5)
(Electric machinery) (Crank and crankshafts)

ROMANOV, D.I.

Electronic power relay for regulating the temperature of bars.
Trakt.i sel'khozmash. 32 no.4:45-48 Ap '62. (MIRA 15:4)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo
i sel'skokhozyaystvennogo mashinostroyeniya.
(Temperature regulators) (Electric relays)

ROMANOV, D.I.; BULKIN, V.P.

Comparative data on two types of electric contact units.
Trakt.i sel'khozmash. 30 no.2:39-42 F '60.

(MIRA 13:5)

(Electric heating)

ROMANOV, D. I.

"On the Theory and Practice of Induction Heating Metals for Forging and Pressing," Avtomobil'naya i traktornaya Promyshlennost' (1950) No 12, pp 28/30.

Critical Review B-73331, 1 Apr 54

ROLAVI, D. E.

plows

Surface hardening of plowshares. Sel'khozmashina No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. (Unclassified.)

RUDANOV, V. I.

Steel- Heat Treatment

Surface hardening of plowshares. Sel'khozgashina no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

ROMANOV, D.I., inzhener,

Construction of bus bars and secondary windings of power transformers for
electrothermal contact installations. Sel'khozmashina no.9:20-24 S '53.

(MLRA 6:9)

(Electric heating)

ROMANOV, D. I.

Induktsionnyi nagrev trub i kolets. (Vestn. Mash., 1950, no. 5, p. 19-24)

Includes bibliography.

(Induction heating of pipes and rings.)

DLC: TN4V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953.

1. ROMANOV, D. I.
2. USSR (6CO)
4. Electric Heating
7. Capacity and efficiency of electric contact heating apparatus, Sel'khozmashina no. 4, 1953.
9. Monthly List of Russian Accessions. Library of Congress, APRIL 1953, Uncl.

S/119/61/000/012/006/006
D209/D303

AUTHOR: Romanov, D.I.

TITLE: Electronic energy relay for temperature control

PERIODICAL: Priborostroyeniye, no. 12, 1961, 22-23

TEXT: The energy relay type ЭРЭ-1 (ERE-1) was designed and tested by NII Traktorosel'khozmash. It is used for the temperature control in induction heating. The sensing circuit (Fig. 2) consists of a selenium bridge rectifier, voltage divider R_1 and R_b (varistor), balanced linear ohmic resistor R_2 and a varicord C. The inductor voltage is rectified, stepped-down by the R_b and R_i divider, applied to the varicord and the grid of a pentode. The grid is bias beyond the cut-off. On switching on the heater, the signal at the grid turns on the valve. The anode current operates the intermediate relay РИ (RP) which turns on the heat.

Card 1/3 ✓

S/119/61/000/012/006/006

D209/D303

Electronic energy ...

C discharges and cuts off the valve. $P\bar{M}$ (RP) de-energizes and the circuit returns to its initial state. The value of the controlled voltage is set for each particular application. The dependence of the energy relay operating time on the controlled voltage across the heating unit can be chosen with a required accuracy. By using non-linear elements with suitable parameters various relay characteristics suitable for different types of heating devices can be obtained. The heating temperature control of the energy relay does not depend on mains and heater unit voltage fluctuations (up to $\pm 10\%$). The accuracy of the temperature control depends on the degree of correspondence between the instrument and the heating unit characteristics. For a stable operation the pentode H.T. should be stabilized. There are 3 figures and 1 Soviet-bloc reference.

Card 2/3

ROMANOV, D.I., inzh.

Electronic relay for controlling temperature during the heating
of machinery parts. Trakt. i sel'khozmash. 30 no. 12:36-38
(MIRA 13:12)
D '60.

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i
sel'skokhozyaystvennogo mashinostroyeniya.
(Electronic instruments)

ROMANOV, D.I.; FEL'DMAN, I.A., inzh., retsenzent

[Metal heating by electric contact] Elektrokontakt-
nyi nagrev metallov. Moskva, Mashinostroenie, 1965.
254 p. (MIRA 18:2)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445220009-4

ROMANOV, D.I., inzh.

Development of the electrical heating method. Trakt. i sel'khozmash.
(MIRA 17:11)
no.9:41-42 S '64.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445220009-4"

ROMANOV, D.I.; RENSKAYA, T.B.

Four-positional electric contact heating apparatus for heating blanks.
Trakt. sel'khozmash. no.9:44-45 S '65.

(MIRA 18:10)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i
sel'skokhozyaystvennogo mashinostroyeniya.

SEMELEV, N.R., polkovnik; GRIGOR'YEV, G.M., polkovnik; VESELOV,
S.P., inzh.-polkovnik; ANDREYEV, N.R., polkovnik;
ROMANOV, D.K., kapitan 1 ranga; YEMEL'YANOV, V.T.,
polkovnik, red.

[Organization and armament of armies and navies of capitalist countries] Organizatsiia i vooruzhenie armii i flotov kapitalisticheskikh gosudarstv. Moskva, Voenizdat, 1965.
(MIRA 19:1)
545 p.

ROMANOV, D.M. (g. Sovetsk Tul'skoy oblasti)

Extracurricular work on geography in boarding schools. Geog. v
shkole 25 no.2:50-55 Mr-Ap '62. (MIRA 15:2)
(Geography--Study and teaching)

LEYBMAN, M. D. (Yaroslavl'); ROMANOV, D. N. (Yaroslavl')

The bridge maintenance foreman. Put' i put. khoz. 6 no. 9:19
'62.

(MIRA 15:10)

(Railroad bridges...Maintenance and repair)

RUBTSOV, A.I. (Yaroslavl'); ROMANOV, D.N., inzh. (Yaroslavl')

An enterprise of communist labor. Put' i putikhoz. 6
no.11:10-11 '62. (MIRA 16:1)
(Railroads-Ties)

TSUMAN, V.G., kand. med. nauk; ROMANOV, D.P.

Intravital diagnosis of isolated hypoplasia of the pulmonary artery. Vest. rent. i rad. 40 no.3:33-35 Ny-Je '65.

(MIFB 18:7)

I. I-ya khirurgicheskaya klinika (zav. - prof. N.I. Makhov) i rentgenologicheskii otdel (zav. - prof. V.I. Petrov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirovskogo.

KOMAROV, R.P.

Diagnosis of dissipidal pulmonary atelectases complicating closed thoracic traumas. Vest. rent. i radi. 40 no.3:59-60 (MIRA 1E:7) My-1955.

Khukovskaya gorodetskaya bol'ničeskaya nauchno-prakticheskaya (prof. V.I. Petrov).

ROMANOV, D. V.

CATALYST

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
General and Physical Chemistry

Effect of the composition of resins on their chromatographic properties. F. M. Sheremetkin and D. V. Romanov
Colloid J. (U.S.S.R.) 14, 407-9 (1952) (Engl. translation).
See C.A. 47, 1460b.

(2)

H. L. H.

92-54
JGP

1. SHEMIAKIN, F. M.: ROMANOV, D. V.
2. USSR (600)
4. Chromatographic Analysis
7. Influence of the composition of permutites on their chromatographic properties. Koll. zhur. 14 no. 5 S-0 '52.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

ROMANOV, D. V., SHEMYAKIN, F. N., AND KITSELOVSKIY, E. S.

Physicochemical Analysis of the Kinetics of Chromatographic Adsorption
of Cations on Aluminum Oxide, Permutit, and Organic Adsorbents.
Izv. Sektora Fiz.-Khim. Analiza (In-t Goshchey i Neorganich. Khimii),
Vol 23, 1953, pp 334-340

Chromatograms of aqueous solutions of binary mixtures of CuSO_4 , CoSO_4 ,
 $\text{Cr}(\text{NO}_3)_2$ were taken on Al_2O_3 , Permutit, 8-oxy-quinoline, beta-naphtha-
quinoline, and cupferone. The width of the component band in mm for any
concentration can be described by the equati. $x_t = X(1 - e^{-kt})$, where X
is the limiting width of the band in mm, t is the time in seconds, and
k is a constant that is experimentally determined and depends on the
position of the cation in the adsorbing series and the nature of the
adsorbent. (RZhKhim, NO 24, 1954)

SO: Sum. No. 639, 2 Sep 55

All-Union Orgs. Lenin Sci. Res. Inst. Aviation Materials

ROMANOV, D.V.

SHEMYAKIN, F.M.; MITSLOVSKIY, E.S.; ROMANOV, D.V.; TSYURUPA, N.N.,
redaktor; LUR'YE, M.S., tekhnicheskij redaktor

[Chromatographic analysis; introduction to theory and practice]
Khromatograficheskiy analiz; vvedenie v teorii i praktiki. Moskva,
Gos. nauchno-tekh. izd-vo khim. lit-ry, 1955. 207 p. [Microfilm]
(Chromatographic analysis) (MLRA 8:3)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445220009-4

ROMANOV,D.V.

Determination of small quantities of zinc in aluminum alloys.
Zav.lab.21 no.7:782-785 '55. (MLRA 8:10)
(Aluminum alloys--Analysis)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445220009-4"

ROMANOV, D. V.

9524 ROMANOV, D. V. I SHENKIN, F. M., I MITSELOVSKIY, E. S.
KHROMOTOGRAFICHESKIY ANALIZ. VVEDENIYE V TEORIYU I PRACTIKU. M., GOSKHEMIZDAT
1955. 202s.s. CHERT. 23 sm. 7.000 EXZ. 7r. 95k. V PER. — BIBLIOGR
V KONTSE GLAV. — 55-3924 p

So: Knizhnaya Literatura page 19 vol. 7, 1955

ROMANOV, D.V.
GUDTSEV, I.I., ROMANOV, D.V.

Pine

Pre-planting preparation of ordinary pine seeds by vernalization. Les khoz. No. 5, 1952

9. Monthly List of Russian Accessions, Library of Congress, August 1953. Unclassified.

ROMANOV, E., road builder.

Quicker, better, cheaper; my experience in spreading asphalt concrete. Moskva, Izd-vo
Ministerstva kommunal'nogo khoziaistva, 1954. 31 p.

1. Asphalt concrete.
2. Road machinery.

ROMANOV, E. B.

"The segregation of recessive embryonic lethal factors in the inbreeding of bivalent selection strains of silkworms." Department of Genetics, (Chief: M. I. Slonim) Central Asian Institute of Sericulture, (Dir: E. B. Romanov) Tashkent. (p. 625) by Efroymson, V. P.; and Bylova, K. N.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1936, No. 4

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445220009-4

ROMANOV, F.

Space suit. Av.i kosm. 46 no.1:52-55 Ja '64. (MIRA 17:3)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001445220009-4"

Romanov, F.A.

A-3

Category : USSR/General Problems - Problems of Teaching

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 2785

Author : Romanov, F.A.

Title : Laboratory Work in Physics

Orig Pub : Fizika v shkole, 1956, No 4, 63-66

Abstract : No abstract

Card : 1/1

POKROVSKIY, V.V. (st.Bolshevo Moskovskoy oblasti); RUTKEVICH, N.V.; LEVIN, I.R..
(Tashkent); IVANOV, S.I. (Moskva); ROMANOV, P.A. (g.Zeya Amurskoy oblasti,
shkola rabschey moledezhi).

Laboratory exercises in physics. Fiz. v shkole 16 no.4:63-66 J1-Ag '56.
(MIRA 9:9)

1.Stalinskaya shkola No.3 (for Pokrovskiy).2.Pervaya srednyaya shkola
(for Rutkevich). (Physics--Experiments)

CHOCHIA, N.G.; BELYAKOVA, Ye.Ye.; BOROVSKAYA, I.S.; VOLKOV, A.M.; GRAYZER, M.I.;
IL'INA, Ye.V.; KAZAKOV, I.N.; KIRKINSKAYA, V.N.; KISLYAKOV, V.N.;
KRASIL'NIKOV, B.N.; MAYMINA, L.G.; OSIPOVA, N.A.; RADYUKOVICH, L.V.;
ROMANOV, P.I.; KULIKOV, M.V., red.; DOLMATOV, P.S., vedushchiy red.;
YASHCHURZHIESKAYA, A.B., tekhn.red.

[Geology, and oil and gas potentials of the Minusinsk Lowland]
Geologicheskoe stroyenie Minusinskikh mezhdgornykh vpadin i
perspektivnykh nefte-gazonosnosti. Leningrad, Gos.nauchn.
tekhn.izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie,
1958. 288 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledo-
vatel'skii geologorazvedochnyi institut. Trudy, no.120)
(MIRA 12:5)

(Minusinsk Lowland--Petroleum geology)
(Minusinsk Lowland--Gas, Natural--Geology)

ROMANOV, Fedor Ivanovich; KOZLOV, Il'ya Georgiyevich [deceased];
NEVEL'SHTEYN, V.I., vedushchiy red.; YASHCHURZHINSKAYA, A.B.,
tekhn.red.

[Dzhusy key wells 4 and 5-A (Aktyubinsk Province).] Dzhusinskie
opornye skvazhiny 4 i 5-A ('Aktiubinskaia oblast'). Leningrad,
Gostoptekhizdat, 1963. 119 p. (Leningrad. Vsesoiuznyi neftianoi
nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy,
no. 219). (MIRA 17:2)

BOYARSKIKH, G.K.; NIKONOV, V.F.; PROKOPENKO, V.I.; ROVNINA, L.V.; ROMANOV, F.I.;
YASTREBOVA, T.A.; SVERCHKOV, G.P.. nauchnyy red.; NEVEL'SHTEYN, V.I.,
vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Key wells of the U.S.S.R.; Berezovo key well (Tyumen' Province)]
Berezovskaya opornaia skvazhina (Tiumenskaia oblast'). Leningrad
Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr.
otd-ie. 1962. 120 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-
issledovatel'skii geologorazvedochnyi institut. Trudy, no.195)
(MIRA 15:12)

(Berezovo region (Tyumen' Province)--Geology)

ROMANOV, Fedor Ivanovich; ZOTOVA, Aleksandra Ivanovna; DROBYSHEV, D.V., prof.,
red.; MITROFANOVA, G.M., khn.red.; NEVEL'SHTEYN, V.I. vedushchiy red.

[South-Kaliningrad (Nivenskoye) well. Key wells of the U.S.R.]
IUzhno-Kalininogradskaya (Nivenskaya) opornaia skvazhina (Kalinin-
gradskaya oblast'). Leningrad, Gostoptekhizdat, 1962. 127 p.
(Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii
geologorazvedochnyi institut. Trudy, no.197) (MIRA 16:4)

(Kalininograd Province—Petroleum geology)

ROMANOV, F.I.; SVETSIANSKAYA, L.V.; BAZANOV, E.A.

Geological structure and oil and gas potentials of the southwestern part of the South Minusinsk Lowland. Avtoref. nauch. trud. VNIGRI no.17:148-155 '56. (MIRA 11:6)

(Minusinsk Lowland--Petroleum geology)
(Minusinsk Lowland--Gas, Natural--Geology)

ROMANOV, G.

Portable radio set. p.15.
(RADIO I TELEVIZIJA, Vol. 6, no. 1, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

AUTHOR: Romanov, G.

130-58-2-10/21

TITLE: Another Oxygen Station (yeshche odna kislorodnaya stantsiya)

PERIODICAL: Metallurg, 1958, Nr 2, p 19 (USSR)

ABSTRACT: The author gives a very brief account of an oxygen plant rated at 10 800 m³/hour, recently commissioned at the Chelyabinsk metallurgicheskiy zavod (Chelyabinsk Metallurgical Works) and said to be highly automated.
There is 1 photograph.

AVAILABLE: Library of Congress
Card 1/1 1. Oxygen-Production

KHRISTOV, V.; DAMYANOV, D.; ROMANOV, G.

Portable transistor radiometer for neutrons operating with
corona counters. Doklady BAN 16 no.7:693-696 '63.

1. Predstavleno chl. - kor. E.Dzhakovym.

ROMANOV, G.

Radio in automobiles. p. 32.

RADIO. Vol. 5, no. 2, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

ROMANOV, G.

ROMANOV, G. Characteristics and construction of contemporary portable-radio sets. p. 39. Vol. 5, no. 11, 1956 ELEKTROENERGIIA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

ROMANOV, G.A. (Leningrad)

Design of clarifying tanks with a perforated bottom. Vod. i san.
tekhn. no.11:22-26 N '61. (MIRA 15:6)
(Water--Purification)

ROMANOV, G.A., inzh.

Dismantling the cantilever bridge on the dam of the Volga Hydro-electric Power Station (22nd Congress of the CPSU) using an assembly boom with a hoisting capacity of 40 tons mounted on railroad flatcars.
Energ. stroi. no.26:66-67 '61. (MIRA 15:7)

1. Montazhnnyy uchastok Gosudarstvennogo vsesoyuznogo stroitel'no-montazhnogo tresta Glavgidroenergomontazha Ministerstva stroitel'stva elektrostantsiy SSSR na Volgogradgidrostroye.
(Volga Hydroelectric Power Station (22nd Congress of the CPSU—
Bridges, Cantilever) (Cranes, derricks, etc.)

ELINOVA, N.I.; ROMANOV, G.A.; SOLNTSEV, V.M.; TOLMACHEV, Yu.M.

Magnetic properties of U_2O_5 . Dokl. AN SSSR 147 no.5:1112-1113
(MIRA 16:2)
D '62.

1. Radiyevyy institut im. V.G. Khlopina AN SSSR. Predstavleno
akademikom A.A. Grinbergom.
(Uranium oxides—Magnetic properties)

ZAKHAROV, A.I.; ROMANOV, G.A.; SALTSEVSKAYA, I.A.

Electrolysis of gallium with a gallium cathode. Report no. 1.
Trudy Inst. metal. tekhn. Akad. Nauk SSSR 12:32-40 '65.

Effect of vanadium on the electrodeposition of gallium on a
gallium cathode. Report no. 2. Ibid. 13:1-13.

(MIRA 13:10)

SALTSEVSKAYA, I.A.; KALINICH, V.I.; MIRONOV, G.A.; YAVINS'IMENKO, F.B.;
Luzhankina, L.V.

Electrodeposition of gallium on a gallium cathode from industrial
aluminate solutions. Report no. 3. Trudy Inst. met. i chig. AN
Kazakh. SSR 12:49-51 '65. (MIRA 16116)

ACC NR: A26019044

(N)

SOURCE CODE: UR/0073/36/011/002/0252/0255

AUTHOR: Vdovenko, V. M.; Romanov, G. A.; Shcherbakov, V. A.

ORG: none

TITLE: Uranium (IV) fluoride complexes in solutions of aluminum salts

SOURCE: Zhurnal neorganicheskoy khimii, v. 11, no. 2, 1966, 252-255

TOPIC TAGS: uranium compound, fluorine compound, aluminum compound, spectrophotometric analysis, proton resonance, stability constant

ABSTRACT: The behavior of U(IV) fluoride complex compounds in aqueous solutions of Al salts was studied by the spectrophotometric and proton resonance methods. Initial solutions of tetravalent U were obtained electrochemically by reduction of U(IV) in 1 N HClO₄. Two series of solutions were prepared, the first set having a constant concentration of 0.048 mole/l of U(IV) with 1 ion of U per 1 ion of F and various contents of Al(Cl₄)₃, and the second solutions having a constant concentration of 0.042 mole/l U(IV) with a ratio of U(IV) : F ions = 2:1 and the amount of Al(Cl₄)₃ varying from 0 to 0.131 mole/l. The absorption spectra were taken with an SF-2M spectrometer in the 440-750 μμ region of both series of solutions and the relative time of proton relaxation (T_1) was measured in the second set. The absorption spectra showed that practically all of the U(IV) in the first series of solutions was in the

Card 1/2

UDC: 543.4 : 546.791.4'161

ACC NR: AP6019044

form of UF^{3+} . The spectrum of UF^{3+} changed with increased concentration of Al in solution. The UF^{3+} underwent decomposition with the formation of Al fluoride complexes. The degree of decomposition of the UF^{3+} complex depended on the ratio of stability constants of fluoride complexes of Al and U(IV). This ratio was calculated (see Table 1) from spectral data for various concentrations of Al. It is apparent from the table

N	[Al] ^a	[U ^{IV}]	[UF ³⁺]	$K_{\text{UF}^{3+}} / K_{\text{AlF}^{4-}}$	N	[Al] ^b	[U ^{IV}]	[UF ³⁺]	$K_{\text{UF}^{3+}} / K_{\text{AlF}^{4-}}$
	(M)	(M)	(M)	(M)		(M)	(M)	(M)	(M)
1	0	0	0.048	—	5	0.79	0.009	0.039	409
2	0.26	0.004	0.044	640	6	1.05	0.009	0.037	325
3	0.16	0.003	0.045	650	7	1.31	0.012	0.036	325
4	0.525	0.007	0.041	410	8	1.57	0.013	0.035	318
average									

Table 1.

that the $K_{\text{UF}^{3+}} : K_{\text{AlF}^{4-}}$ ratio varied within a relatively narrow range (318 to 640), although the ionic power of the solutions varied considerably (from 1.5 to 11). Therefore, the $K_{\text{UF}^{3+}}$ was determined as 3×10^5 from this average ratio. This agreed satisfactorily with the literature data. The stability constant of UF_2^{4+} was determined as $K_{\text{UF}_2^{4+}} = 7 \times 10^5$ by calculating the data on the absorption spectra of the second set of solutions. Calculations of the data obtained during proton resonance studies of the second set of solutions yielded $K_{\text{UF}^{3+}} = 1 \times 10^5$. The curve depicting the changes of $1/T_1$ (proton resonance method) during the addition of $\text{Al}(\text{ClO}_4)_3$ substantiated the conclusions of the spectrophotometric analysis on the decomposition of the UF^{3+} after the addition of Al ions. Crig. art. has 3 figs.

VDOVENKO, V.M.; SUGLOBOV, D.N.; ROMANOV, G.A.

Structure of $\text{UO}_2 (\text{NO}_3)_2 \cdot 2\text{NO}_2$. Dokl. AN SSSR 146 no. 5:1078-1080
0 '62. (MIRA 15:10)

1. Chlen-korrespondent AN SSSR (for Vdovenko)
(Uranyl nitrate) (Nitrogen oxide)

YDOVENKO, V.M.; ROMANOV, G.A.; SHCHERBAKOV, V.A.

Hydrolysis of a U^(IV) ion. Radichimia 5 no.1:137-138
'63. (MIRA 16:2)

(Uranium compounds)
(Hydrolysis)

VDOVENKO, V.M.; ROMANOV, G.A.; SHCHERBAKOV, V.A.

Shift of bands in the absorption spectra of U (IV) during the
fluoride complex formation. Radiokhimia 5 no.4:511-513 '63.
(MIRA 16:10)

(Uranium compounds) (Absorption spectra)
(Fluorides)

VDOVENKO, V.M.; ROMANOV, G.A.; SHCHERKBAKOV, V.A.

Complex formation of U (IV) with halide, sulfate, and perchlorate anions studies by the proton resonance method. Radikhimiia, 5, no. 6:668-674, '63. (MIRA 17:7)

VDOVENKO, V.M.; ROMANOV, G.A.; SHCHERBAKOV, V.A.

Magnetic moments of uranium (IV) ions in aqueous solutions.
Radiokhimia 5 no.5:574-581 '63.

Study of the complex formation of uranium (IV) with fluorine ions
by the method of proton resonance. 581-585 (MIRA 17:3)

VDOVENKO, V.M.; ROMANOV, G.A.

Stability of fluoride complexes of tetravalent uranium. Atom.
energ. 15 no.2:168-169 Ag '63. (MIRA 16:8)
(Uranium compounds) (Fluorides)

L 17579-63

EWP(a)/EWT(m)/BDS AFFTC/ASD/ESD-3 RM/JD/JW/ES/JG

S/0089/63/015/002/0168/0169

204

ACCESSION NR: AP3005230

AUTHORS: Vdovenko, V. M.; Romanov, G. A.

TITLE: Stability of fluoro-complexes of tetravalent uranium.

SOURCE: Atomnaya energiya, V. 15, no. 2, 1963, 168-169 27

TOPIC TAGS: uranium, fluorine, aluminum, fluorine-uranium complex

ABSTRACT: The authors investigated the relationship between the inverse of the relaxation time T_1 of aqueous solutions of U(IV) in 2N HClO_4 , and the concentration of fluorine ion in the presence of an aluminum ion. At a low concentration of fluorine ion, there is an interaction between fluorine and U(IV), i.e., $1/T_1$ is increasing. When all uranium(IV) is in the form UF_2^{2+} , the complex AlF_2^{2+} begins to form; $1/T_1$ remains constant, as the magnetic properties of the solution do not change. When all Al^{3+} is in the form AlF_2^{2+} , UF_2^{2+} starts to form, and $1/T_1$ decreases. Authors conclude that the instability constants of the fluorine complexes U(IV) and Al(III) can be ordered in the following series

Card 1/2:

L 17579-63

ACCESSION NR: AP3005230

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$$K_{UF_3^+} < K_{AlF_2^+} < K_{UF_2^{2+}} < K_{AlF_2^+}$$

$$7 \times 10^{-8} \quad 7.4 \times 10^{-7} \quad 5.5 \times 10^{-6} \quad 9.5 \times 10^{-6}$$

These results are in agreement with the published data. Orig. art. has: 1 fig.

ASSOCIATION: none

SUBMITTED: 14Nov62

DATE ACQ: 06Sep63

ENCL: 00

SUB CODE: PH

NO REF Sov: 000

OTHER: 000

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2/2

ROMANOV, G.A., kand. tekhn. nauk.

Purifying extremely muddy waters with VNIIGS-2 clarifiers.
Vod. i san. tekhn. no. 4:36-38 Ap '64 (MIRA 18:1)

ROMANOV, G.A.; TIGER, P.F.

Work of sedimentation basins of the All-Union Scientific Research Institute of Hydro- and Sanitary Engineering at the Cheboksary water-supply station. Vod.i san.tekh. no.7:27-30
J1 '59. (MIRA 12:9)
(Cheboksary--Water--Purification)

ROMANOV, G. A., Cand Tech Sci -- (idss) "Examination and Determination
of the basic Parameters of Clarifiers with Perforated Bottoms," Leningrad,
1960, 20 pp, 200 copies (Leningrad Construction Engineering Institute;
Chair of Water Supply) (KL, 49/60, 127)

ROMANOV, G.A.; VOL'F, I.V.

Purification of water with activated silica in clarifiers with
suspended filters. Vod. i san.tekh. no.2:23-26 F. '59.
(MIRA 12:2)

(Silica)

(Water--Purification)

KOLOTOV, N.I.; TUGANOV, A.G.; ROMANOV, G.A.

On the problem of selecting structural parts for water clarifying
apparatus with suspension sedimentation. Vod. i san.tekh. no.4:12-
14 Jl'55. (MLRA 8:12)

(Water--Purification)

ROMANOV, G.A., kand.tekhn.nauk (Leningrad)

Pressure clarifiers and a filter for low-discharge water-supply
systems. Vod.i san.tekhn. no.10:18-20 0 '62. (MIRA 15:12)
(Water--Purification)

KOLOTOV, N.I. [deceased], nauchnyy storudnik; ROMANOV, G.A., nauchnyy
sotrudnik; YAROSH, P.P., nauchnyy sotrudnik

Purifier used in preliminary water purification. Rats. i izobr.
predl. v stroi. no.5:78-80 '58. (MIRA 11:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhnicheskikh
i sanitarno-tehnicheskikh rabot. Leningrad, ul. Sadovaya, d. 50b.
(Water--Purification) (Filters and filtration)

Romanov, G. A.

✓ Clarifier. N. I. Kolotov, G. A. Romanov, and P. P. Yarosh. U.S.S.R. 103,330, July 20, 1966. The clarifier comprises an air-separator trough, a system of pipes for carrying off sludge, a system of perforated tubes for removing the sediment, and a thickener which discharges the sediment peripherally while the cleared water is removed through the center. M. Hesch

3
J.W.K.

KORYTHIK, G.I., inzh.; ROMANOV, G.I., inzh.

Asbestos cement shells for protecting heat-insulated pipes.
Rats.i izobr.predl.v stroi. no.13:74-77 '59. (MIRA 13:6)

1. Trest Stroytermoizolyatsiya Ministerstva stroitel'stva RSFSR,
Moskva, ul.Yermolovoy, d.No.22. Rats.i izobr.predl.v stroi.
no.13:74-77 '59. (MIRA 13:6)
(Insulation (Heat)) (Pipe)

GORELIK, B.M.; FEL'DMAN, G.I.; ROMANOV, G.I.; Prinimal uchastiye
LOGINOV, B.G.

Study of the state of stress and stability of lamellar rubber-
metal shock absorbers. Kauch. i rez. 24 no.6:15-19 Je '65.
(MIRA 18:7)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.

BLOKH, E.L., inzh.; POTOKER, I.M., inzh.; ROMANOV, G.I., inzh.;
KHNENOV, G.S., inzh.; DANILOV, P.P., nauchnyy red.;
RYAZANTSEVA, L.I., red.; TARKHOVA, K.Ye., tekhn. red.

[Safety instructions for insulation work and the manufacture
of materials at production bases] Instruktivnye ukazaniia po
tekhnike bezopashnosti pri proizvodstve teploizolatsionnykh
rabot i izgotovlenii materialov na proizvodstvennykh bazakh.
Moskva, Gosstroizdat, 1963. 102 p. (MIRA 16:9)

1. Russia (1917- R.S.F.S.R.) Ministerstvo montazhnykh i
spetsial'nykh stroitel'nykh rabot. Tekhnicheskoye upravleniye.
(Insulating materials) (Industrial safety)

ROMANOV, G.I., inzh.

Automatic assembly of threaded joints. Vest.mashinostr. 43
no.8:55-57 Ag '63. (MIRA 16:9)
(Assembly-line methods)

ROMANOV, G.I., inzh.

Preventing thread collapse in automatic assembly of threaded
joints. Vest. mashinostr. 44 no.9:55-57 S '64.
(MIRA 17:11)

BOROZNIN, A.A.; BLOKH, E.L.; ROMANOV, G.I.; KHRENOV, G.S.; KUKUSHKIN, A.I., inzh., red.; TARAYEVA, Ye.K., red.izd-va; MOCHALINA, Z.S., tekhn. red.

[Economic effectiveness of the introduction of new techniques in heat insulating operations]Ekonomicheskaia effektivnost' vnedreniya novoi tekhniki v proizvodstvo teploizoliatsionnykh rabot; opyt tresta Stroitermoizolatsiiia. Moskva, Gosstroizdat, 1962.

86 p.

(Insulation (Heat))--Technological innovations)

DAVYDOV, V.I.; TEPLYAKOV, B.V; ROMANOV, G.K.

Reduction of germanium dioxide by carbon and carbon monoxide.
Zhur.prikl.khim. 35 no.7:1625-1629 J1 '62. (MIRA 15:8)

1. Chelyabinskij nauchno-issledovatel'skiy institut metallurgii.
(Germanium oxide) (Carbon) (Carbon monoxide)

KIR'YANOV, A.K.; PAZDNIKOV, P.A.; BABACHANOV, I.F.; DUDIM, R.N.;
Prinimali uchastiye: BOGOMOLOV, I.Ye.; ROMANOV, G.K.;
SUKHORUKOV, Yu.P.; SAVINTSEV, P.R.

Slag depletion in tubular rotary furnaces. TSvet. met. 36 no.9:
29-32 S '63. (MIRA 16:10)

DAVYDOV, V.I.; TEPLYAKOV, B.V.; ROMANOV, G.K.

Preparation of high-purity tellurium. TSvet. met. 34 no.11:
52-54 N '61. (MIRA 14:11)

(Tellurium—Metallurgy)

Romanov, G. L.

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350

Vedrov, V. S., Romanov, G. L., and Surina, V. N.

Samolet kak ob'yekt regulirovaniya; strukturnyye skhemy uravneniy
vozmushchennogo dvizheniya samoleta (The Control of Aircraft;
Block Diagrams of Equations for Disturbed Motions of an Air-
craft) Moscow, Oborongiz, 1957. 42 p. 1,020 copies printed.

Sponsoring Agency: USSR Ministerstvo aviatsionnoy promyshlennosti
(Its Trudy, Nr 74)

Ed.: Ignat'yeva, A. V.; Tech Ed.: Lebedeva, L. A.

PURPOSE: Presentation of results of scientific research.

Card 1/5

The Control of Aircraft (cont.)

350

COVERAGE: This paper treats the representation of the equations of disturbed motion of an aircraft in terms of block diagrams of closed-loop systems with first- and second-order components, where the input and output signals have a definite physical meaning. The characteristics of the individual components and their variation with aircraft speed and altitude are briefly analyzed. A derivation of the transfer functions in rudder and aileron control is given, and also simplified expressions for the transfer functions in relation to the frequency band, which corresponds to the degeneration of the disturbed motion into simple types. The method of representing the equations of disturbed motion of an aircraft in terms of block diagrams of closed-loop systems permits ready application of the techniques of modern control theory, such as the frequency-response method, the theory of feedback loops, block-diagram analysis, etc., to the analysis of aircraft motion in stability and control problems, and also makes it possible to set up simplified equations of motion as well as transfer functions for control of motion by means of control surfaces. In contrast to existing methods, which

Card 2/5

350

The Control of Aircraft (cont.)

yield approximate transfer functions for rapid angular motions about the center of gravity, these methods readily permit obtaining approximate expressions for transfer functions for the slow motions associated with displacements of the center of gravity. The report contains 7 tables and 15 figures. There are 15 bibliographic references, 4 Russian, 5 American, 1 British, 4 French, and 1 Belgian. The authors express their gratitude for valuable advice to M.A. Tayts, Doctor of Technical Sciences, and Ye.N. Arsen'yev, Engineer.

TABLE OF
CONTENTS:

Summary	1
Introduction	1
Conventional Signs	2
Card 3/5	

The Control of Aircraft (cont.)	350
Ch. I. Longitudinal Motion	3
1. Block diagram for disturbed longitudinal motion	3
2. Brief analysis of the characteristics of the elements	6
3. Transfer functions of control components. Simplification of equations of motion and of transfer functions	13
Ch. II. Lateral Motion	21
4. Block diagram for disturbed lateral motion	21
5. Brief analysis of the characteristics of the elements	25
6. Transfer functions of control components Simplification of equations of motion and of transfer functions	31

Card 4/5

The Control of Aircraft (cont.)	350
Conclusions	37
References	37
Appendix I. Equations of Lateral Disturbed Motion of an Aircraft	38
Appendix II. Formulae for Converting Lateral Rotary Derivatives to New Coordinate Axes	41

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Card 5/5

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